M. A. R. 57 (Rule 116)

Measurement Book

No. B 209090

Serial No. ...1st and final Bill

Name of Work Improvments to Roads and footpath maintenance in ward no:14 (KMP)

Name of Contractor of nature of Agency ....Sri. Deepak. B Jalhalli Bijapur-14

Date of commencement of work ....D.I.R: 27-10-2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost: 20.00 lakhs Job code no: 011-20-00111 Head of A/C: P-3296 Work Ord no: BDMP/EE/BTP/WO/181/2020-21 Dt: 15/12/2020						
1)	Earthworks excavation by manual means in ordinary soil involving an average horizontal throw upto 5mtr and an average lift upto 0.5mts excavated surface levelled and slope neatly etc.—						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Quantity as per Premeasurement Record vide P.No ..209086 to 87 of this MB					= 81.90 cum @ Rs: 210.00/cum = 17199.00	
item no 09)	Removing and refixing stone slabs of drains and Plinth in cm (1:3) etc...						
	Qty as per Premeasurement Record vide P.No -- 209081 to 84 of this MB					= 32.85 sqm @ Rs: 93.45/sqm = 3069.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209091

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Providing granite slabs of selected quality roughly dressed having a size of 7.5cms thick and fixed in cement mortar (1:6) including fixing curing etc—						
	Sai Garden) 1st Cross N/S	1	5.00		1.35	6.75	
	1st Cross S/S	1	3.00		1.35	4.05	
	2nd Cls N/S	1	5.00		1.35	6.75	
	2nd Cls S/S	1	3.00		1.35	4.05	
	3rd Cls N/S	1	2.00		1.35	2.70	
	3rd Cls S/S	1	8.00		1.35	10.80	
	3rd Cls N/S Sice Rod S/S	1	8.00		1.35	5.40	

CAFC

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Garam 3rd cls M/s	1	4.00		1.35	5.40	
		1	5.00		1.35	6.75	
	3rd cls SIS	1	7.00		1.35	9.45	
		1	5.00		1.35	6.75	
		1	2.50		1.35	3.38	
				Total Qty =		77.63 Sqm	
				Limited to tender Qty =		76.95 Sqm	
				@ Rs: 623.25/		Sqm =	47961.00
						27-10-2020	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209092

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 150 kgs. with 40mm and down size graded granite metal coarse aggregates etc—						
	Qty as per premeasurement of this MB 2	Reference vide p.no 209089/1				= 1.68 cum @ HSR 2.8a/cum = 7359.00/-	
	5) Providing and constructing granite/trap/basalt size stone masonry in basement with cmt mortar 1:6 exept of stones						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Chisele dressed in courses not less than 15cm high etc — As per Premeasurment Recorded vide P.ND. 209089 of this MB				=	6.45 cum	
					@ Rs: 48582.06/cum = 31636.00		
Item No 6)	Providing raised pointing 20mm deep to coursed Stone masonry with cement mortar 1:3 20mm deep. after raking joints to depth of 20mm nicely lining, including cost of materials etc — for culverts	2	6.00		0.90	10.80 Sqm	
					@ Rs: 1264.44/Sqm = 1366.00/-		
	29.10.2020						

Assistant Executive Engineer
Vidyaranyapura Sub Division

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209093

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	7) Providing and constructing load bearing wall with solid concrete blocks of size 400 x 150 x 200mm having block density not less than 1800 kg/m3 and having a minimum eff~						
	Raising of Drain						
	Sai Garden 1st cross N/S	2	15.00		0.40	12.00	
	1st cls S/S	2	15.00		0.40	12.00	
		2	11.00		0.40	8.80	
	2nd cls N/S	2	17.80		0.40	14.24	
	2nd cls S/S	2	9.10		0.40	7.28	
	3rd cls N/S	2	7.00		0.40	5.60	
		2	20.00		0.40	16.00	
						=75.84	

ICARE

Assistant Executive Engineer
Vidyaranyapura Sub Divisio
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	12.00		0.40	9.60	75.89
	Sai Garden 3rd Cross S/S	2	10.00		0.40	8.00	
		2	9.00		0.40	7.20	
	Sai Garden 3rd Cross W/S Store Road S/S	2	19.00		0.40	15.20	
		2	9.60		0.40	7.68	
	Sai Garden 3rd Cross W/S	2	19.20		0.40	15.36	
		2	9.20		0.40	7.36	
		2	11.00		0.40	8.80	
	3rd Cross S/S	2	8.30		0.40	6.64	
		2	11.90		0.40	8.96	
		2	15.00		0.40	12.00	
		2	11.40		0.40	9.12	191.97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 203094

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Main Road RLS	2	12.00		0.40	9.60	191.97
		2	22.00		0.40	17.60	
		2	30.00		0.40	24.00	
		2	21.00		0.40	16.80	
		2	30.00		0.40	24.00	
		2	21.30		0.40	17.04	
		2	20.00		0.40	16.00	
	4TH C CROSS RLS	2	30.00		0.40	24.00	
	8TH C main LHS	2	30.00		0.40	24.00	
		2	10.50		0.40	8.40	373.41

CRC MEMO 31/2020

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8" D main L/S	2	30.00		0.40	24.00	
		2	5.00		0.40	4.16	
			Total	Qty	=	401.60	Sqm
			Limited to Tender Qty =			400.00	Sqm
					@ Rs:	887.73/Sqm	
						= Rs 3,55,092.00	
						03-11-2020	
Item no.8)	Providing and laying in Position Plain cement concrete of mix 1:2:4 with cement & Hotty with 40mm and down size graded granite metal coarse aggregate @ 0.69 cum and @ ———						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209095

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Gardens 1st cross N/S	2	15.00	0.20	0.10	0.60	
	1st cross S/S	2	15.00	0.20	0.10	0.60	
	2nd cross N/S	2	11.00	0.20	0.10	0.44	
		2	17.80	0.20	0.10	0.71	
	Sai Gardens 2nd cr S/S	2	9.10	0.20	0.10	0.36	
	3rd cross N/S	2	7.00	0.20	0.10	0.28	
	3rd cross S/S	2	10.00	0.20	0.10	0.40	
		2	12.00	0.20	0.10	0.48	
	Sai Gardens 3rd cross N/S	2	10.00	0.20	0.10	0.40	
	Store Road S/S	2	9.00	0.20	0.10	0.36	
		2	19.00	0.20	0.10	0.76	
						4.53	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sai Garden 3rd cross N/S	2	9.80	0.40	0.10	0.39	4.53
		2	19.40	0.40	0.10	0.77	
		2	9.40	0.40	0.10	0.37	
		2	11.00	0.40	0.10	0.44	
	Sai Garden 3rd cross S/S	2	8.30	0.40	0.10	0.33	
		2	11.40	0.40	0.10	0.45	
		2	15.00	0.40	0.10	0.60	
		2	11.40	0.40	0.10	0.46	
	main Road E/S	2	12.00	0.40	0.10	0.48	
		2	22.00	0.40	0.10	0.88	
		2	30.00	0.40	0.10	1.20	
		2	21.00	0.40	0.10	0.84	
		2	30.00	0.40	0.10	1.20	
						13.11	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209096

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	21.30	0.20	0.10	0.85	13.11
		2	20.00	0.20	0.10	0.80	
	4th C cross RIS	2	30.00	0.20	0.10	1.20	
	8th C main LIS	2	30.00	0.20	0.10	1.20	
		2	10.00	0.20	0.10	0.42	
	8th D main LIS	2	30.00	0.20	0.10	1.20	
		2	5.20	0.20	0.10	0.21	
	Current couping	1	6.00	1.50	0.10	0.90	
	Ramp	2	6.00	1.00	0.15	1.80	
							22.78

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total qty		= 22.78 cum	
			Untital	to thaw qty		= 22.78 cum	
				@ Rs: 4807.75/cum		= 109590.00/-	
						07-11-2020	
item no.9)	Providing Precast slab of 100 mm thick including cost of all Materials, Labour, curing, transportation, loading unloading etc..						
	Drain Slab:						
	Sai Garam 1st cr N/S	1	15.00	0.90		13.50	
	Sai Garam 1st cr S/S	1	15.00	0.90		13.50	
		1	11.00	0.90		9.90	
	Sai Garam 2nd cr S/S	1	17.80	0.90		16.02	
						52.92	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209097

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	9.10	0.90		8.19	52.92
	Sai Gopalan 3rd cross M/s	1	7.00	0.90		6.30	
	3rd cross M/s	1	20.00	0.90		18.00	
		1	12.00	0.90		10.80	
	Sai Gopalan 3rd cross S/s	1	10.00	0.90		9.00	
	3rd cross M/s Store Road S/s	1	9.00	0.90		8.10	
		1	19.00	0.90		17.10	
	3rd cross M/s	1	9.80	0.90		8.82	
		1	19.50	0.90		17.85	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು	1	9.50	0.90		8.25	164.73

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	11.00	0.90		9.90	164.73
	Sai garden 3rd cross SLS	1	8.30	0.90		7.47	
		1	11.00	0.90		10.05	
	CC&FR.	1	15.00	0.90		13.50	
		1	11.40	0.90		10.26	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು						
	main Road ELS	1	12.00	0.90		10.80	
		1	22.00	0.90		19.80	
		1	30.00	0.90		27.00	
		1	21.00	0.90		18.90	
		1	30.00	0.90		27.00	
		1	21.30	0.90		19.17	
		1	20.00	0.90		18.00	
							350.28

M. A. R. 57 (Rule 116)
Measurement Book

No. B 209098

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	4M C CROSS RD	1	30.00	0.90		27.00	356.50
	8M C main LD	1	30.00	0.90		27.00	
		1	10.50	0.90		9.45	
	8M D main LD	1	30.00	0.90		27.00	
		1	5.80	0.90		4.68	
				TOTAL QTY =		451.80 SQM	
				Limited TO Tender QTY =		450.00 SQM	
				@ RS :		1963.08/ SQM	
						= 883386.00/-	
						13.11.2020	

CARE

13/11

Assistant Executive Engineer
V. Kuvempura Road Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
ITEM NO.10)	providing precast slab of 65mm thick including cost of all materials labour, curing, transportation, loading unloading etc.-						
	Current Sab	1	6.00	0.15		9.00 sqm	
					@ 455.12/sqm		= 4096.00/-
					Total Amount	=	14,99,234.00
					GST bal.	=	1,79,908.00
					Grand total	=	16,79,142.00/-
						13.11.2020	

Assistant Executive Engineer
Devanahalli Sub Division
Bangalore-97

M. A. R. 57 (Rule 116)

Measurement Book

No. B 209099

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) Certified that the above work done is satisfactory 2) there is no unpatmental issued towards the work done 13-11-2020						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

INDEX:

- Flogging course with covering slab

Assistant Executive Engineer
Vidyaranyapura Sub Divisi

M. A. R. 57 (Rule 116)
Measurement Book

No. B

208100

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Front & Final						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ P-3246 ರಡಿ					BA - 16,79,000=00	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 16,79,000=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.						
	ಇದರಲ್ಲಿ ... 69043=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ					PT - 16790=00	
	ಮಾಡಿಕೊಂಡು ರೂ. 16,09,957=00 ಗಳನ್ನು					LC - 16790=00	
						CBF - 1679=00	
						CESS - 14992=00	
						SGSS - 14992=00	
						Royalty - 3800=00	
	FT/M ... OS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					LD 69043=00	
	ವಿಷಯ ನಿರ್ವಾಹಕರು ... ಸಹಾಯಕ ಅಭಿಯಂತರರು ಮಹದೇವಪುರ ವಿಭಾಗ ಬೆಂಗಳೂರು					Net 16,09,957=00	
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು						